

DAYLIGHTING AND SUN STUDY

FOR

PROPOSED REDEVELOPMENT OF

29 WILLOWHALE AVENUE, ALDWICK, PO21 4BG

NOVEMBER 2017
Ref:9939 –S1

1.0 Introduction

This document is intended to demonstrate the effect on sunlight and daylight of the proposed development on the neighbouring property at No. 27 Willowhale Avenue.

The diagrams show the shading which occurs at 10.00am, 12.00 noon, 2.00pm and 4.00pm on 21st March as prescribed by the BRE.

It can be seen that as the properties on Willowhale Avenue sit at the northern ends of the plots, shadowing occurs from the existing house at no.27 only onto its own front driveway. This occurs from 10.00am, reduces at 12.00 noon and then at 2.00pm the fence between the properties casts a shadow onto the driveway. This shadow at 2.00pm will be slightly increased by the proposed extension to the front of no.29. Finally at 4.00pm, both the fence and both properties cast a shadow onto the driveway.

Please also note that these diagrams only take note of the shadowing effect of building and fence structures. The front driveway of no.27 and its boundary is heavily planted and this will increase the actual shadowing effect substantially.

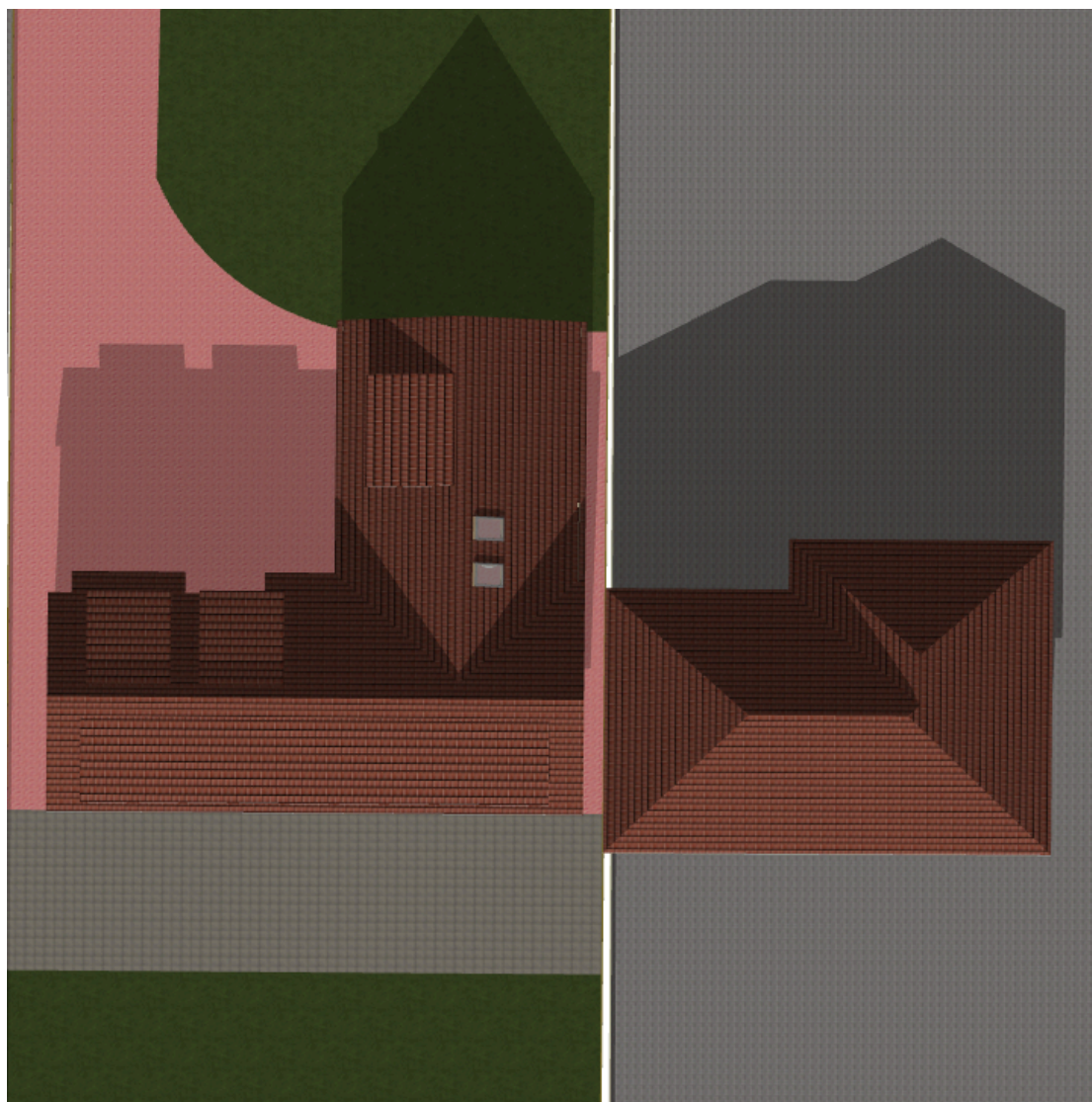
It is our contention that the proposed works to no.29 will not produce unacceptable shadowing on no.27.

The Sun Studies and Daylighting Section have been carried out in accordance with the guidance given in BRE Digest 209- Site Layout Planning: A guide to good practice.

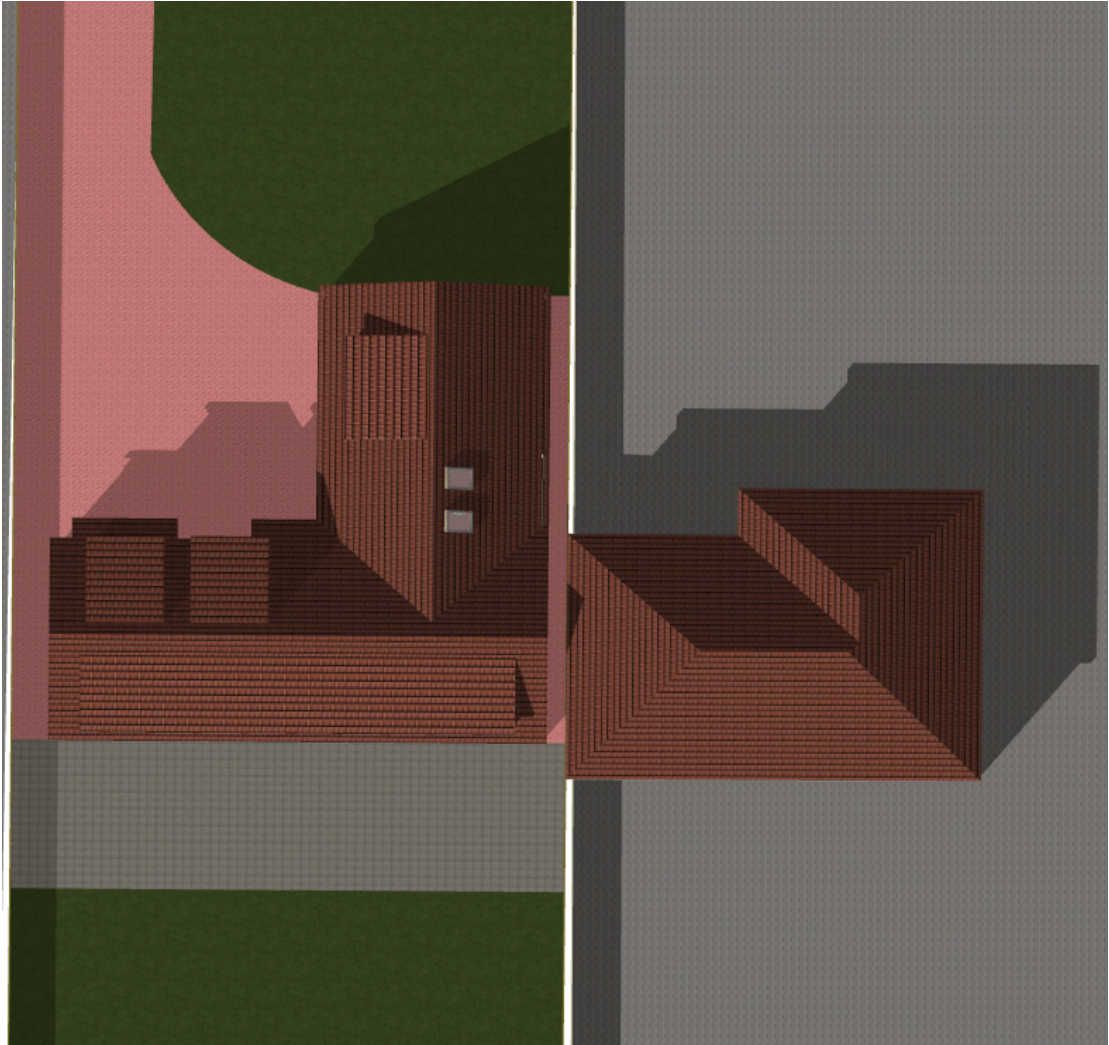
2.0 SUN STUDY DIAGRAMS
21ST March at 10.00am and 12.00pm

Shadowing of proposed buildings and fences

10:00am

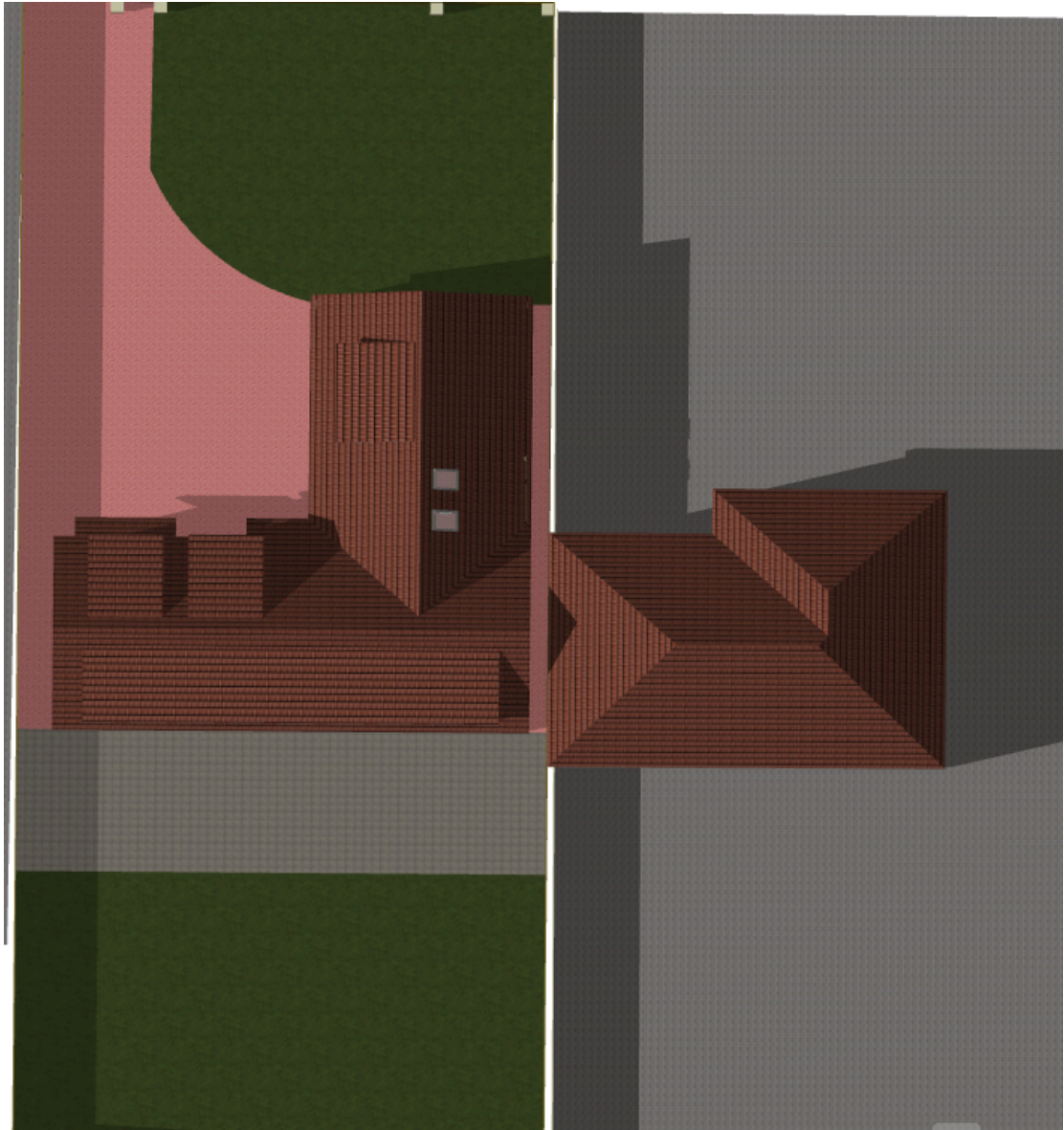


12:00 noon



3.0 SUN STUDY DIAGRAMS
21ST March at 2.00pm and 4.00pm

14:00



16:00

